

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071320\
 Data File : VU039474.D
 Acq On : 13 Jul 2020 16:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Jul 14 07:15:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 14 07:08:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	97758	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94769	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31857	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.92	69	35638	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.00%
11) 1,1-Dichloroethene-d2	2.58	63	63086	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	4.65	46	122276	47.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.34%
24) Chloroform-d	5.09	84	63457	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.72	65	39631	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.74	84	123403	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.71	67	41009	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.91	98	116884	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
43) trans-1,3-Dichloropropene-	8.19	79	18799	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.64	63	97549	46.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39744	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44823	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	32034	5.406 ug/L	99
3) Chloromethane	1.53	50	35850	4.994 ug/L	97
5) Vinyl chloride	1.61	62	38348	4.811 ug/L	100
6) Bromomethane	1.87	94	21725	6.329 ug/L	95
8) Chloroethane	1.94	64	32514	5.646 ug/L	96
9) Trichlorofluoromethane	2.15	101	71561	5.170 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	28120	4.951 ug/L	99
12) 1,1-Dichloroethene	2.59	96	26935	4.633 ug/L	90
13) Acetone	2.66	43	70135	50.120 ug/L	98
14) Carbon disulfide	2.81	76	89588	4.374 ug/L	99
15) Methyl Acetate	2.97	43	17444	4.719 ug/L	96
16) Methylene chloride	3.06	84	34182	4.674 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	89845	4.904 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	30473	4.735 ug/L	98
19) 1,1-Dichloroethane	3.89	63	61737	4.903 ug/L	97
21) 2-Butanone	4.73	43	120737	48.341 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	34211	4.740 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	15712	4.792	ug/L	98
25) Chloroform	5.11	83	66733	5.247	ug/L	99
27) 1,2-Dichloroethane	5.81	62	46448	5.049	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	53511	4.794	ug/L	97
30) Cyclohexane	5.41	56	52162	4.439	ug/L	98
31) Carbon tetrachloride	5.54	117	44589	4.682	ug/L	99
33) Benzene	5.79	78	134144	4.734	ug/L	100
34) Trichloroethene	6.56	95	34443	4.702	ug/L	98
35) Methylcyclohexane	6.78	83	53045	4.520	ug/L	99
37) 1,2-Dichloropropane	6.81	63	37162	4.811	ug/L	100
38) Bromodichloromethane	7.12	83	47003	4.765	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	56226	4.816	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	305134	47.357	ug/L	98
42) Toluene	7.98	91	143491	4.729	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	50059	4.833	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	26915	4.851	ug/L	93
47) Tetrachloroethene	8.56	164	23982	4.707	ug/L	99
48) 2-Hexanone	8.69	43	227712	47.930	ug/L	99
49) Dibromochloromethane	8.82	129	32456	4.830	ug/L	99
50) 1,2-Dibromoethane	8.93	107	26630	4.725	ug/L	98
51) Chlorobenzene	9.45	112	90195	4.865	ug/L	97
52) Ethylbenzene	9.57	91	162350	4.842	ug/L	100
53) m,p-Xylene	9.70	106	59984	4.748	ug/L	94
54) o-Xylene	10.10	106	58577	4.763	ug/L	98
55) Styrene	10.11	104	102007	4.767	ug/L	96
56) Isopropylbenzene	10.48	105	156123	4.693	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	37966	4.917	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	27477	4.827	ug/L	94
61) Bromoform	10.29	173	18662	4.569	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	71805	4.728	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	70021	4.596	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	72506	4.762	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6082	4.522	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	51580	4.538	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	44311	4.556	ug/L	97
69) Naphthalene	14.08	128	78926	4.033	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	40988	4.548	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

